

BEST AVAILABLE COPY

STAMP NOTICE:  
THIS MATERIAL PROTECTED  
BY COPYRIGHT LAW

# PHYSIOLOGY OF T

YEAR

BEST AVAILABLE COPY

HORACE W. DAVENPORT, Ph.D., D.Sc. (Oxon.)  
*Professor and Chairman, Department of Physiology*  
*The University of Michigan*

# OF THE DIGESTIVE TRACT

*An*

*Introductory Text*

QP145

D33

1971

THIRD EDITION

YEAR BOOK MEDICAL PUBLISHERS



INCORPORATED

35 EAST WACKER DRIVE, CHICAGO

high may

V.D.

## Table of Contents

### PART I MOTILITY

1. Chewing and Swallowing . . . . .	13
2. The Neuromuscular Apparatus of the Lower Digestive Tract . . . . .	28
3. Gastric Motility . . . . .	44
4. Motility of the Small Intestine . . . . .	61
5. Movements of the Colon . . . . .	70
6. Vomiting . . . . .	79

### PART II SECRETION

7. Salivary Secretion . . . . .	85
8. Gastric Secretion . . . . .	95
9. Pancreatic Secretion . . . . .	118
10. Secretion of the Bile . . . . .	129
11. Intestinal Secretion . . . . .	139
12. Control of Secretion . . . . .	143

### PART III DIGESTION *and* ABSORPTION

13. Gastric Digestion and Emptying; Absorption . . . . .	163
14. Intestinal Absorption of Water and Electrolytes . . . . .	171
15. Intestinal Digestion and Absorption of Carbohydrate . . . . .	183

# BEST AVAILABLE COPY

10

## TABLE OF CONTENTS

16. Intestinal Digestion and Absorption of Protein . . . . .	191
17. Intestinal Digestion and Absorption of Fat . . . . .	197
18. Absorption and Excretion by the Colon . . . . .	211
Index . . . . .	219